

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L1 | 2 | (427/372.2.ccls. 427/199.ccls. 427/376.2.ccls. 427/164.ccls. 427/166. ccls. 427/167.ccls. 427/255.ccls. 427/96. ccls. 427/218.ccls. 428/409.ccls. 428/404. ccls. 428/653.ccls. 428/207.ccls. 428/208. ccls. 428/411.1.ccls. 428/34.4.ccls. 428/44. ccls. 428/77.ccls. 428/357.ccls. 428/451. ccls. 428/461.ccls. 428/475.8.ccls. 428/483.ccls. 428/518. ccls. 428/242.ccls. 428/426.ccls. 428/432. ccls. 428/457.ccls. 428/901.ccls. 428/325. ccls. 428/428.ccls.) and porcelain and (titania or "TiO.sub.e" or titanium) and engobe and air | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:18 |
| L2 | 2 | (427/372.2.ccls. 427/199.ccls. 427/376.2.ccls. 427/164.ccls. 427/166. ccls. 427/167.ccls. 427/255.ccls. 427/96. ccls. 427/218.ccls. 428/409.ccls. 428/404. ccls. 428/653.ccls. 428/207.ccls. 428/208. ccls. 428/411.1.ccls. 428/34.4.ccls. 428/44. ccls. 428/77.ccls. 428/357.ccls. 428/451. ccls. 428/461.ccls. 428/475.8.ccls. 428/483.ccls. 428/518. ccls. 428/242.ccls. 428/426.ccls. 428/432. ccls. 428/457.ccls. 428/901.ccls. 428/325. ccls. 428/428.ccls.) and porcelain and (titania or "TiO.sub.2" | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:18 |

| | | | | | | |
|----|------|--|-----------------|----|-----|------------------|
| | | or titanium) and engobe and air | | | | |
| L3 | 6 | (427/372.2.ccls. 427/199.ccls. 427/376.2.ccls. 427/164.ccls. 427/166.ccls. 427/167.ccls. 427/255.ccls. 427/96.ccls. 427/218.ccls. 428/409.ccls. 428/404.ccls. 428/653.ccls. 428/207.ccls. 428/208.ccls. 428/411.1.ccls. 428/34.4.ccls. 428/44.ccls. 428/77.ccls. 428/357.ccls. 428/451.ccls. 428/461.ccls. 428/475.8.ccls. 428/483.ccls. 428/518.ccls. 428/242.ccls. 428/426.ccls. 428/432.ccls. 428/457.ccls. 428/901.ccls. 428/325.ccls. 428/428.ccls.) and (titania or "TiO. sub.2" or titanium) and engobe and air | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:20 |
| L4 | 7043 | (427/372.2.ccls. 427/199.ccls. 427/376.2.ccls. 427/164.ccls. 427/166.ccls. 427/167.ccls. 427/255.ccls. 427/96.ccls. 427/218.ccls. 428/409.ccls. 428/404.ccls. 428/653.ccls. 428/207.ccls. 428/208.ccls. 428/411.1.ccls. 428/34.4.ccls. 428/44.ccls. 428/77.ccls. 428/357.ccls. 428/451.ccls. 428/461.ccls. 428/475.8.ccls. 428/483.ccls. 428/518.ccls. 428/242.ccls. 428/426.ccls. 428/432.ccls. 428/457.ccls. 428/901.ccls. 428/325.ccls. 428/428.ccls.) and (titania or "TiO. sub.2" or titanium) and air | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:20 |
| L5 | 2 | l4 and insufflat\$5 | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:20 |

| | | | | | | |
|-----|--------|--|----------------------|----|-----|------------------|
| L6 | 5546 | ((titania or "TiO.sub.2" or titanium) same (coat \$5 or glaz\$4 or film \$2)) and (porcelain or tile\$2) | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:21 |
| L7 | 360 | l6 and ((insufflat\$5 or blow\$4) near4 air) | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:22 |
| L8 | 273 | l7 and (channel\$2 or pattern\$2 or roughness \$2 or rough or uneven \$6) | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:23 |
| L9 | 229 | l8 and (silica or silicon or "SiO.sub.2") | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:23 |
| L10 | 51 | l9 and (\$5pollut\$5 or photocataly\$4) | US-PGPUB; USPAT | OR | OFF | 2009/07/08 12:23 |
| S1 | 159214 | TiO\$2 (titanium adj dioxide) or (titanium \$1dioxide\$1) | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:42 |
| S2 | 763 | refraction same solar | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:43 |
| S3 | 19 | S1 same S2 | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:48 |
| S4 | 121328 | (anti\$1bacteri\$4) or (anti adj bacteri\$4) or (anti\$1microbial) or (anti adj microbial) or (anti\$1polluti\$4) or (anti adj polluti\$4) | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:55 |
| S5 | 1376 | S1 same S4 | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:55 |
| S6 | 544640 | (ceramic\$2) or tile\$2 or (stone\$1ware\$1) or (stone adj ware\$1) or porcelain | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:57 |
| S7 | 82 | S5 same S6 | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:58 |
| S8 | 123 | S1 and S2 | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 13:59 |
| S9 | 349 | refraction with solar | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 14:00 |
| S10 | 36 | S1 and S9 | US-PGPUB; USPAT; JPO | OR | ON | 2007/08/27 14:00 |
| S11 | 132558 | TiO\$2 (titanium adj dioxide) or (titanium \$1dioxide\$1) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:12 |
| S12 | 419807 | (ceramic\$2) or tile\$2 or (stone\$1ware\$1) or (stone adj ware\$1) or porcelain | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:00 |

| | | | | | | |
|-----|---------|---|--------------------|----|----|---------------------|
| S13 | 730 | refraction same solar | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:48 |
| S14 | 360 | S13 same (cover\$5 or layer\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:49 |
| S15 | 7174811 | (nitrogen\$1oxide\$2) (nitrogen adj oxide\$2) (NO\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:19 |
| S16 | 360 | S14 and S15 | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:51 |
| S17 | 100 | S14 same S15 | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:53 |
| S18 | 26046 | S11 same (cover\$5 or layer\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:53 |
| S19 | 14683 | S11 with (cover\$5 or layer\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:54 |
| S20 | 514006 | (cover\$5 or layer\$2) with thickness | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:55 |
| S21 | 45563 | S20 same ((channel\$2 or cell\$2 or pore\$2) with (cover\$5 or layer \$2)) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:57 |
| S22 | 8 | fir\$4 same ((insufflation or blow \$4) with photocatalytic) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:58 |
| S23 | 81219 | fir\$4 same ((insufflation or blow \$4) same\ photocatalytic) | US-PGPUB; USPAT | OR | ON | 2007/08/27 14:59 |
| S24 | 13 | fir\$4 same ((insufflation or blow \$4) same photocatalytic) | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:09 |
| S25 | 1123115 | S15 same (cover\$5 or layer\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:01 |
| S26 | 3 | (S11 and S12) and S14 and S25 and S16 and S18 and S19 and S21 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:14 |
| S27 | 24347 | (nitrogen\$1oxide\$2) (nitrogen adj oxide\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:23 |
| S28 | 2410 | S27 same (cover\$5 or layer\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:21 |
| S29 | 493022 | (cover\$5 or layer\$2) same ((channel\$2 or cell\$2 or pore\$2)) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:22 |
| S30 | 1 | S12 and S14 and S18 and S20 and S27 and S29 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:23 |

| | | | | | | |
|-----|---------|---|--------------------------|----|----|------------------|
| S31 | 584712 | (cover\$5 or layer\$2) with thick\$5 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:24 |
| S32 | 1 | S27 and S18 and S12 and S14 and S31 and S29 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:25 |
| S33 | 17 | S18 and S12 and S13 and S31 and S29 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:27 |
| S34 | 0 | S33 and (nitrogen \$1oxide\$2 or (nitrogen adj ocide\$2) or ("NO. sub.1.")) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:40 |
| S35 | 4 | S18 and engobe | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:41 |
| S36 | 1 | S35 and S33 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:40 |
| S37 | 21 | S18 and S12 and S14 and S31 and S15 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:46 |
| S38 | 109571 | S27 or (nitrogen same oxide\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:48 |
| S39 | 5 | S38 and S18 and S12 and S14 and S31 and S29 | US-PGPUB; USPAT | OR | ON | 2007/08/27 15:48 |
| S40 | 81219 | fir\$4 same ((insufflation or blow \$4)) | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:10 |
| S41 | 1 | S37 and S40 | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:10 |
| S42 | 13 | S40 same S18 | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:12 |
| S43 | 6 | (S40 same S18) and S12 | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:16 |
| S44 | 983 | (S40 same S12) | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:17 |
| S45 | 21 | S44 and S18 | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:18 |
| S46 | 4859746 | (DE "10018458") | EPO; DERWENT | OR | ON | 2007/08/27 16:34 |
| S47 | 1 | ("DE 10018458") | EPO; DERWENT | OR | ON | 2007/08/27 16:35 |
| S48 | 47 | "6103363" | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:36 |
| S49 | 7 | "US 6103363" | US-PGPUB; USPAT | OR | ON | 2007/08/27 16:36 |
| S50 | 2 | "WO 01/79141" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/08/27 16:50 |

| | | | | | | |
|-----|-----|--|-------------------------------------|----|----|---------------------|
| S51 | 0 | "WO 0179141" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/08/27 16:50 |
| S52 | 0 | "WO0179141" | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/08/27 16:51 |
| S53 | 0 | "WO0179141" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2007/08/27 16:51 |
| S54 | 1 | "WO 200179141" | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2007/08/27 16:51 |
| S55 | 0 | (porcelain same (stone \$1ware or (stone adj ware))) and fir\$4 and (rutile same (TiO\$2 or (titanium adj dioxide) or (titanium\$1dioxide \$1))) and "1200" | US-PGPUB; USPAT | OR | ON | 2007/08/28 07:21 |
| S56 | 8 | (porcelain same (stone \$1ware or (stone adj ware))) and fir\$4 and (rutile same (TiO\$2 or (titanium adj dioxide) or (titanium\$1dioxide \$1))) | US-PGPUB; USPAT | OR | ON | 2007/08/28 07:25 |
| S57 | 122 | (porcelain) and fir\$4 and (rutile same (TiO \$2 or (titanium adj dioxide) or (titanium \$1dioxide\$1))) | US-PGPUB; USPAT | OR | ON | 2007/08/28 07:25 |
| S58 | 31 | S57 and "1200"\$ | US-PGPUB; USPAT | OR | ON | 2007/08/28 07:35 |
| S59 | 22 | S57 and "1200"\$2 | US-PGPUB; USPAT | OR | ON | 2007/08/28 07:25 |
| S60 | 0 | (rutile same (TiO\$2 or (titanium adj dioxide) or (titanium\$1dioxide \$1))) and glaze and ((silk\$1screen\$1paste \$1) or (silk adj screen adj paste) or (silk \$1screen adj paste\$1)) and slip and fir\$4 and "1200" and ceramic | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:03 |

| | | | | | | |
|-----|------|--|-----------------|----|----|------------------|
| S61 | 6291 | (rutile same (TiO ₂ or (titanium adj dioxide) or (titanium ₁ dioxide \$1))) ((silk ₁ screen \$1paste\$1) or (silk adj screen adj paste) or (silk ₁ screen adj paste \$1)) and fir\$4 and "1200" and ceramic | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:04 |
| S62 | 6287 | (rutile same (TiO ₂ or (titanium adj dioxide) or (titanium ₁ dioxide \$1))) ((silk ₁ screen \$1paste\$1) or (silk adj screen adj paste) or (silk ₁ screen adj paste \$1)) and fir\$4 and "1200" and ceramic and slip | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:04 |
| S63 | 139 | S62 and (nitrogen adj \$4oxide\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:06 |
| S64 | 14 | S62 and ((nitrogen adj \$4oxide\$2) same absorb\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:24 |
| S65 | 1 | "10554167" | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:27 |
| S66 | 16 | (silk-screening adj machine\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:33 |
| S67 | 0 | (silk-screening adj paste) and (silk-screen adj machine\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:34 |
| S68 | 1 | (paste) and (silk-screen adj machine\$2) | US-PGPUB; USPAT | OR | ON | 2007/08/28 13:34 |
| S69 | 0 | magalite same ceramic | US-PGPUB; USPAT | OR | ON | 2007/08/28 14:48 |
| S70 | 3 | magalite | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:27 |
| S71 | 0 | (white same pigment) and ceramic and (porcelain or tile\$1) and (absorb with (nitrogen same \$4oxide \$2)) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:29 |
| S72 | 0 | (pigment) and ceramic and (porcelain or tile \$1) and (absorb with (nitrogen same \$4oxide \$2)) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:29 |

| | | | | | | |
|-----|----|---|-----------------|----|----|------------------|
| S73 | 0 | (pigment) and ceramic and(porcelain or tile\$1) and (absorb with ((nitrogen same \$4oxide\$2)or "NO. sub.1." or "NO. sub.2.")) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:30 |
| S74 | 5 | ceramic and(porcelain or tile\$1) and (absorb with ((nitrogen same \$4oxide\$2)or "NO. sub.1." or "NO. sub.2.")) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:33 |
| S75 | 96 | ceramic and(porcelain or tile\$1) and ((absorb or convert\$4) with ((nitrogen same \$4oxide\$2)or "NO. sub.1." or "NO. sub.2.")) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:33 |
| S76 | 14 | ceramic and(porcelain or tile\$1) and ((surface or cover\$4) same ((absorb or convert\$4) with ((nitrogen same \$4oxide\$2)or "NO. sub.1." or "NO. sub.2."))) | US-PGPUB; USPAT | OR | ON | 2007/08/28 15:34 |
| S77 | 1 | 2001/0036897 | US-PGPUB; USPAT | OR | ON | 2007/08/29 07:32 |
| S78 | 1 | "20010036897" | US-PGPUB; USPAT | OR | ON | 2007/08/29 07:32 |
| S79 | 19 | "3865778" | US-PGPUB; USPAT | OR | ON | 2007/08/29 16:05 |
| S80 | 3 | "4980246" | US-PGPUB; USPAT | OR | ON | 2007/08/29 16:06 |
| S81 | 58 | "5409777" | US-PGPUB; USPAT | OR | ON | 2007/08/29 16:06 |
| S82 | 12 | 2002/0066233 | US-PGPUB; USPAT | OR | ON | 2007/08/30 07:43 |
| S83 | 37 | (silk\$1screen or (silk adj screen)) and ((silicon adj roller) or (silicon with roller) or (roller with silicon) or (silicon same roller)) | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:16 |
| S84 | 2 | (silk\$1screen or (silk adj screen)) and (roller near silicon) | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:31 |

| | | | | | | |
|-----|----|---|--------------------|----|----|---------------------|
| S85 | 2 | (silk\$1screen or (silk adj screen)) and (silicon near roller) | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:32 |
| S86 | 37 | (silk\$1screen or (silk adj screen)) and (silicon same roller) | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:32 |
| S87 | 80 | ((silk\$1screen or (silk adj screen)) same machine) and silicon | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:33 |
| S88 | 5 | S87 and (roller same silicon) | US-PGPUB; USPAT | OR | ON | 2007/09/11 06:33 |

7/ 8/ 2009 12:24:13 PM

C:\ Documents and Settings\ Irobinson2\ My Documents\ EAST\ Workspaces\ 10554167.wsp